

# 8



OIPE

## ENTERED

RAW SEQUENCE LISTING DATE: 03/25/2002 PATENT APPLICATION: US/09/982,107 TIME: 16:04:38

Input Set : A:\Epi3002e.app

Output Set: N:\CRF3\03252002\I982107.raw

```
3 <110> APPLICANT: HIATT, ANDREW C.
         HEIN, MICH B.
 6 <120> TITLE OF INVENTION: METHODS FOR PRODUCING IMMUNOGLOBULINS CONTAINING
         PROTECTION PROTEINS IN PLANTS AND THEIR USE
 9 <130> FILE REFERENCE: EPI3002E
11 <140> CURRENT APPLICATION NUMBER: 09/982,107
12 <141> CURRENT FILING DATE: 2001-10-16
14 <160> NUMBER OF SEQ ID NOS: 19
16 <170> SOFTWARE: PatentIn Ver. 2.1
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 3517
20 <212> TYPE: DNA
21 <213> ORGANISM: Oryctolagus cuniculus
23 <220> FEATURE:
24 <221> NAME/KEY: CDS
25 <222> LOCATION: (124)..(2445)
27 <400> SEQUENCE: 1
28 ggccggggtt acgggctggc cagcaggctg tgcccccgag tccggtcagc aggaggggaa 60
30 gaagtggcct aaaatctctc ccgcatcggc agcccaggcc tagtgcccta ccagccacca 120
32 gcc atg gct ctc ttc ttg ctc acc tqc ctq ctq qct qtc ttt tca qcq
       Met Ala Leu Phe Leu Leu Thr Cys Leu Leu Ala Val Phe Ser Ala
33
34
36 gcc acg gca caa agc tcc tta ttg ggt ccc agc tcc ata ttt ggt ccc
                                                                      216
37 Ala Thr Ala Gln Ser Ser Leu Leu Gly Pro Ser Ser Ile Phe Gly Pro
                    20
                                        25
40 ggg gag gtg aat gtt ttg gaa ggc gac tcg gtg tcc atc aca tgc tac
                                                                      264
41 Gly Glu Val Asn Val Leu Glu Gly Asp Ser Val Ser Ile Thr Cys Tyr
                                    40
44 tac cca aca acc tcc gtc acc cgg cac agc cgg aag ttc tgg tgc cgg
                                                                      312
45 Tyr Pro Thr Thr Ser Val Thr Arg His Ser Arg Lys Phe Trp Cys Arg
            50
                                55
48 gaa gag gag age gge ege tge gtg aeg ett gee teg aee gge tae aeg
                                                                      360
49 Glu Glu Glu Ser Gly Arg Cys Val Thr Leu Ala Ser Thr Gly Tyr Thr
                            70
                                                75
52 too cag gaa tao too ggg aga ggc aag oto aco gao tto cot gat aaa
                                                                      408
53 Ser Gln Glu Tyr Ser Gly Arg Gly Lys Leu Thr Asp Phe Pro Asp Lys
                        85
                                            90
56 ggg gag ttt gtg gtg act gtt gac caa ctc acc cag aac gac tca ggg
                                                                      456
57 Gly Glu Phe Val Val Thr Val Asp Gln Leu Thr Gln Asn Asp Ser Gly
                   100
                                       105
60 agc tac aag tgt ggc gtg gga gtc aac ggc cgt ggc ctg gac ttc ggt
                                                                      504
61 Ser Tyr Lys Cys Gly Val Gly Val Asn Gly Arg Gly Leu Asp Phe Gly
               115
                                   120
```

RAW SEQUENCE LISTING DATE: 03/25/2002 PATENT APPLICATION: US/09/982,107 TIME: 16:04:38

Input Set : A:\Epi3002e.app

Output Set: N:\CRF3\03252002\1982107.raw

64 gtc 65 Val	Asn Va	l Leu	gtc a	agc o Ser O	ln L	ag coys P:	ca ga ro Gl	ag cct lu Pro	gat Asp	gac Asp	gtt Val	gtt Val	tac Tyr	552
66 68 aaa 69 Lys	caa ta Gln Ty:	σασ	agt Ser	Tyr 1	ıca g	ta a	cc at hr I	tc aco	tgc Cys 155	cct	ttc Phe	aca Thr	tat Tyr	600
70 72 gcg 73 Ala 74 160	act ag	g caa g Gln	Leu	aaq a	ag t	cc t Ser P	tt ta he Ty	ac aaq yr Lys 170	s Val	gaa Glu	gac Asp	Gly	gaa Glu 175	648
76 ctt 77 Leu 78	Val Le	ı Ile	att Ile 180	gat t Asp S	Ser S	er S	er Ly 18	ys Glı 85	ı Ala	Lys	Asp	Pro 190	Arg	696
80 tat 81 Tyr 82	Lys Gl	y Arg 195	Ile	Thr 1	Leu G	ln I 2	le G 00	ln Se	r Thr	Thr	Ala 205	Lys	Glu	744
84 ttc 85 Phe 86	Thr Va	l Thr	Ile	Lys 1	His I	Leu G 215	ln L	eu As:	n Asp	Ala 220	GLY	GIn	Tyr	792
88 gtc 89 Val 90	Cys Gl 225	n Ser	Gly	Ser i	Asp E 230	Pro T	hr A	la Gl	u Glu 235	Gln	Asn	Val	Asp	840
92 ctc 93 Leu 94 240	Arg Le	u Leu	Thr	Pro (	Gly I	Leu L	eu T	yr Gl 25	y Asn O	Leu	Gly	Gly	Ser 255	888
96 gtg 97 Val 98	Thr Ph	e Glu	Cys 260	Ala	Leu A	Asp S	Ser G 2	lu As 65	p Ala	Asn	Ala	Val 270	Ala	936
100 tcc 101 Ser 102	r Leu A	rg Gl: 27	n Val	Arg	Gly	Gly	Asn 280	Val V	al Il	e Asp	Ser 285	GIr S	n GLY	984
104 aca 105 Thi 106	r Ile A	sp Pro	o Ala	Phe	Glu	Gly 295	Arg	Ile L	eu Ph	e Thi 300	r Lys )	s Ala	a GLu	1032
108 aad	c ggc c n Glv H	ac tt	c agt	: gta	gtg	atc	aaa					a man	י מכמ	1080
110	305				Val 310	Ile	Ala	Gly L	eu Ar 31	g Lys 5	s Glu	ı Asp	Thr	1120
110 112 ggg 113 Gly 114 320	305 g aac t y Asn T 0	at cte	g tgo u Cys	gga Gly 325	Val 310 gtc Val	Ile cag Gln	tcc Ser	Gly L aat g Asn G	eu Ar 31 gt ca ly Gl 30	g Lys 5 g tct n Sei	s Glu z ggg r Gly	ı Asp gat y Asp	ggg Gly 335	1128
110 112 ggg 113 Gly 114 320 116 ccc 117 Pro	305 g aac t y Asn T 0 c acc c o Thr 0	at cto yr Leo ag ct	g tgo u Cys t cgo u Aro 340	gga Gly 325 Gaa Gln	Val 310 gtc Val ctc Leu	cag Gln ttc Phe	tcc Ser gtc Val	aat g Asn G aat g Asn G Asn G 345	eu Ar 31 gt ca ly Gl 30 aa ga lu Gl	g Lys 5 g tct n Sei g ato u Ile	ggg Gly gad e Asp	g gat y Asp c gto val 350	ggg Gly 335 g tcc L Ser	1176
110 112 ggg 113 Gly 114 320 116 ccc 117 Pro 118 120 cgg 121 Arc	305 g aac t y Asn T 0 c acc c o Thr G c agc c g Ser F	at cto yr Leo ag cto ln Leo cc cc Pro Pro	g tgo u Cys t cgo u Aro 340 t gto o Val	gga Gly 325 Gln Gln ttg	Val 310 gtc Val ctc Leu aag Lys	cag Gln ttc Phe ggc Gly	Ala tcc Ser gtc Val ttt Phe 360	aat g Asn G aat g Asn G 345 cca g Pro G	eu Ar 31 gt ca ly Gl 30 aa ga lu Gl ga gg	g Lys 5 g tot n Sei g ato u Ile c too y Sei	ggg Gly Gly Gac Gac Gac Gac Gac Gac Gac Gac Gac Gac	g gat y Asp c gto y Val 350 g aco	ggg Gly 335 g tcc Ser C ata	1176 1224
110 112 ggg 113 Gly 114 320 116 ccc 117 Pro 118 120 cgg 121 Arc 122 124 cgg 125 Arc	305 g aac t y Asn T 0 c acc c o Thr C c agc c g Ser I c tgc c g Cys I	at cterrityr Lerent Lerent Control Con	g tgo u Cys t cgg u Arg 340 t gtg o Val 5 c aac	gga gga gga gga gga gga gga gga gga gga	Val 310 gtc Val ctc Leu aag Lys	cag Gln ttc Phe ggc Gly aga Arg 375	tcc Ser gtc Val ttt Phe 360 agc Ser	Gly L aat g Asn G 345 cca g Pro G gac a Asp S	eu Ar 31 gt ca ly Gl 30 aa ga lu Gl ga gg ly Gl gc ca er Hi	g Lys 5 g tot n Sen g ato u Ile c too y Sen c cto s Len 380	gggr Gly c gac e Asp c gtgr Vai 36! g cag u Gli	g gat y Asp c gtc c ya: 350 acc g acc g acc n Leo	ggg Gly 335 gtcc LSer O ata r Ile	1176

DATE: 03/25/2002 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/982,107 TIME: 16:04:38

Input Set : A:\Epi3002e.app
Output Set: N:\CRF3\03252002\I982107.raw

129 130	Leu	Trp 385	Glu	Gly	Ser	Gln	Thr 390	Arg	His	Leu	Leu	Val 395	Asp	Ser	Gly	Glu	
132	ggg	cta	att	саσ	aaa	gac	tac	aca	aac	aαα	cta	acc	cta	ttc	αаа	σασ	1368
	Gly																
	400	пец	Vai	GIII	цуз	405	1 y 1.	1111	GLY	лгу	410	AIG	пси	1 110	Giu	415	
									~+~			~~~	a+ a		~~~		1116
	cct							-	-								1416
	Pro	Gly	Asn	Gly		Phe	Ser	Val	Val		Asn	GIn	Leu	Thr		Glu	
138					420					425					430		
140	gat	gaa	ggc	ttc	tac	tgg	tgt	gtc	agc	gat	gac	gat	gag	tcc	ctg	acg	1464
141	Asp	Glu	Gly	Phe	Tyr	$\mathtt{Trp}$	Cys	Val	Ser	Asp	Asp	Asp	Glu	Ser	Leu	Thr	
142				435					440					445			
144	act	tcq	qtq	aaq	ctc	caq	atc	gtt	gac	gga	gaa	cca	agc	ccc	acg	atc	1512
	Thr	_		_		_		-	-		_		-		_		
146			450	-1-				455		1			460				
	gac	аап		act	act	ata	cad		gag	cct	att	σασ		acc	tac	cac	1560
	Asp																2000
	АБР	465	FIIC	1111	AIG	Val	470	Gry	Giu	FIO	Vai	475	110	1111	Cys	1113	
150			<b>.</b>								<b>.</b>		+		+~~	+	1600
	ttc		-							_			_	_			1608
	Phe	Pro	Cys	гàг	Tyr		ser	ser	GIU	ьys	-	Trp	Cys	ьys	тгр		
	480					485					490					495	1656
	gac																1656
	Asp	His	Gly	Cys	Glu	Asp	Leu	Pro	Thr	_	Leu	Ser	Ser	Ser	_	Asp	
158					500					505					510		
	ctt																1704
161	Leu	Val	Lys	Cys	Asn	Asn	Asn	Leu	Val	Leu	Thr	Leu	Thr	Leu	Asp	Ser	
162				515					520					525			
164	gtc	agc	gaa	gat	gac	gag	ggc	tgg	tac	tgg	tgt	ggc	gcg	aaa	gac	ggg	1752
165	Val	Ser	Glu	Asp	Asp	Glu	Gly	Trp	Tyr	Trp	Cys	Gly	Ala	Lys	Asp	Gly	
166			530	_	_		_	535	_	_	_		540				
168	cac	gag	ttt	gaa	gag	att	aca	acc	atc	agg	ata	gag	cta	aca	qaq	cca	1800
	His			-		-		_	-								
170		545					550			5		555					
	gcc		αta	act	atc	σασ		acc	aag	αta	cct		gac	cca	acc	aaq	1848
	Ala	-	-	-	-												
	560	цуз	VUI	пти	Val	565	110	niu	Lys	vui	570	vul	пор	110	mu	575	
	gca	~~~		~~~	aat		~~~	~~~	226	~~~		~~~	000	+ ~ ~	000		1896
																	1030
	Ala	Ата	Pro	Ald		Ата	GIU	GIU	гуз		ràz	Ald	Arg	Cys		Val	
178					580					585					590		1044
	ccc		_		_				_			_	-	-		_	1944
	Pro	Arg	Arg	-	GIn	Trp	Tyr	Pro		Ser	Arg	Lys	Leu	_	Thr	ser	
182				595					600					605			
	tgt																1992
185	Cys	Pro	Glu	Pro	Arg	Leu	Leu	Ala	Glu	Glu	Val	Ala	Val	Gln	Ser	Ala	
186			610					615					620				
	gaa																2040
189	Glu	Asp	Pro	Ala	Ser	Gly	Ser	Arg	Ala	Ser	Val	Asp	Ala	Ser	Ser	Ala	
190		625					630					635					
192	tcg	gga	caa	agc	ggg	agt	gcc	aaa	gta	ctg	atc	tcc	acc	ctg	gtg	ccc	2088
193	Ser	Gly	Gln	Ser	Gly	Ser	Ala	Lys	Val	Leu	Ile	Ser	Thr	Leu	Val	Pro	

RAW SEQUENCE LISTING DATE: 03/25/2002 PATENT APPLICATION: US/09/982,107 TIME: 16:04:38

Input Set : A:\Epi3002e.app

Output Set: N:\CRF3\03252002\1982107.raw

```
645
196 ttg ggg ctg gtg ctg gca gcg ggg gcc atg gcc gtg gcc ata gcc aga
                                                                       2136
197 Leu Gly Leu Val Leu Ala Ala Gly Ala Met Ala Val Ala Ile Ala Arg
                    660
                                         665
200 gcc cgg cac agg agg aac gtg gac cga gtt tcc atc gga agc tac agg
                                                                       2184
201 Ala Arg His Arg Arg Asn Val Asp Arg Val Ser Ile Gly Ser Tyr Arg
                675
                                    680
                                                         685
204 aca gac att agc atg tca gac ttg gag aac tcc agg gag ttc gga gcc
                                                                       2232
205 Thr Asp Ile Ser Met Ser Asp Leu Glu Asn Ser Arg Glu Phe Gly Ala
            690
                                695
208 att gac aac cca age gee tge eec gat gee egg gag aeg gee ete gga
                                                                       2280
209 Ile Asp Asn Pro Ser Ala Cys Pro Asp Ala Arg Glu Thr Ala Leu Gly
        705
                            710
                                                 715
212 gga aag gat gag tta gcg acg gcc acc gag agc acc gtg gag att gag
                                                                       2328
213 Gly Lys Asp Glu Leu Ala Thr Ala Thr Glu Ser Thr Val Glu Ile Glu
                        725
                                            730
216 gag ccc aag aag gca aaa cgg tca tcc aag gaa gaa gcc gac ctg gcc
                                                                       2376
217 Glu Pro Lys Lys Ala Lys Arg Ser Ser Lys Glu Glu Ala Asp Leu Ala
                    740
                                         745
220 tac tca gct ttc ctg ctc caa tcc aac acc ata gct gct gag cac caa
                                                                       2424
221 Tyr Ser Ala Phe Leu Leu Gln Ser Asn Thr Ile Ala Ala Glu His Gln
                755
                                    760
224 gat ggc ccc aag gag gcc tag gcacagccgg ccaccgccgc cgccgccacc
                                                                       2475
225 Asp Gly Pro Lys Glu Ala
            770
228 geogeogeog cogecacety tyaaaateac ettecagaat caegttyate etegggytee 2535
230 ccagageegg gggeteaace geeetgeace ecceatgtee ceaceaceta aactteecta 2595
232 cctgtgccca gaggtgtgct ggtcccctcc tccacggcat ccaggcctgg ctcaatgttc 2655
234 ccgttggggt gggggtgtga ggggttccta cttgcagccc ggttctcccg agagaagcta 2715
236 aggatccagg tcctgaggga ggggcctctc gaaggcagac agaccagaga ggggggggagga 2775
238 geeettggat gggaggeeag aggegettte eggeeaceee eteceteeet geeeceacee 2835
240 teetteette atteaaaagt eeeagtgget getgeetagg gteeaggege tggeegeacg 2895
242 cetectegaa geegttgtge aaacateact ggaggaagee agggeteete eegggetgtg 2955
244 tatecteact caggeatect gteeteecea gtateaggag atgteaageg tetgaagget 3015
246 gtgtgccctg ggcgtgtctg caagtcaccc cagacacatg ttctcgccat tttacagatg 3075
248 agaacactga ggttgtactc aagggcaccc tgcgagatgg agcaacagca aactagatgg 3135
250 gcttctgctg tcctcttggc cagaggtctc tccacaggag cccctgcccc tgtaggaagc 3195
252 agagttttag aacatggaag aagaagaggg ggatggccct ggacgctgac ctctcccaag 3255
254 cocceaeggg ggaaaaggcc coeteetttt etgteactet eggggacetg eggagttgag 3315
256 cattegtgcc cegtgtgtct gaagagttee cagtggaaag aagaaaagag ggtgtttgtc 3375
258 agtgccgggg agggcctgat ccccagacag ctgaagttta aggtccttgt ccctgtgagc 3435
260 tttaaccage aceteeggge tgaceettge taacacatea gaaatgtgat ttaatcatta 3495
262 aacattgtga ttgccactgg ga
                                                                       3517
265 <210> SEQ ID NO: 2
266 <211> LENGTH: 773
267 <212> TYPE: PRT
268 <213> ORGANISM: Oryctolagus cuniculus
270 <400> SEQUENCE: 2
271 Met Ala Leu Phe Leu Leu Thr Cys Leu Leu Ala Val Phe Ser Ala Ala
```

DATE: 03/25/2002 RAW SEQUENCE LISTING TIME: 16:04:38 PATENT APPLICATION: US/09/982,107

Input Set : A:\Epi3002e.app
Output Set: N:\CRF3\03252002\I982107.raw

272	1				5					10					15	
272	Thr	λla	Cln	Cor		Lon	Tou	C1 v	Pro		Sor	Tla	Dho	Glv		Glv
275	7 117	ALG	GTII	20	ser	ьęu	ьеu	Grā	25	261	261	116	rne	30	110	Gry
	Clu	17a l	λan		T OIL	Clu	C117	λαn	Ser	17 a 1	cor	Tlo	Thr		ጥህን	Tur
	GIU	vai	35	val	neu	GIU	GTA	40	Ser	Val	261	116	45	Cys	1 y 1.	1 7 1
278	Dro	шhъ		Cor	17 - 1	Пhъ	7 20		Ser	λra	Tvc	Dho		Cve	λνα	Glu
	PIO		THE	ser	Val	THE		птъ	ser	AIG	цуѕ	60	пр	Cys	ALG	Giu
281	<i>α</i> 1	50	C	C1	7 ~~	Crra	55	mh ~	Lou	7 1 n	Cor		C1 17	Пттъ	Thr	Sor
		GIU	ser	СТУ	Arg	_	val	1111	Leu	нта	75	1111	GTA	ıyı	1111	80
284	65	<b>a</b> 1	m	Com	c1	70	C1	T	T 011	mhr		Dho	Dro	λan	Two	
	GIII	GIU	туг	ser		Arg	GIY	гуѕ	Leu		ASP	Pile	ΡĻΟ	ASP	95	GLY
287	a1	Dh.	77- T	17- 1	85	17.0 1	7	<i>a</i> 1 =	T 011	90 mb~	Cln	7 an	N on	Co.~		Cor
	GIU	Pne	val		THE	val	ASP	GIII	Leu	THI	GTII	ASII	ASP	110	СТА	ser
290	m	T	<b></b>	100	17a 1	a1	17- 1	1 ~~	105	7 ~~	C1	T 011	N a ro		·C1**	17 n 1
	туг	гàг	_	СТА	vaı	GIA	vaı		Gly	Arg	СТУ	ьеи		Pile	СТА	Val
293	3	17- 1	115	17. 1	<b>a</b>	<b>71</b> -	T	120	C1	Dwo	7 an	7 an	125	wa 1	Пттъ	Tura
	Asn		ьeu	vaı	ser	GIN		PIO	Glu	PIO	ASP		Val	vaı	TAT	гуѕ
296	<b>01</b> .	130	<b>a</b> 1	<b>a</b>	<b></b>	m la	135	m1	т1.	m la aa	<b></b>	140	Dha	шhт	Птт	A 1 -
		Tyr	GIU	ser	Tyr		vaı	Thr	Ile	Thr		PLO	Pne	THE	TYL	
	145		<b>a</b> 1.	+ .	<b>.</b>	150	<b>0</b>	Dh.	m	T	155	<b>a</b> 1	3	<b>a</b> 1	c1	160
	Thr	Arg	GIn	ьeu		гàг	ser	Pne	Tyr		val	GIU	ASP	GIY		ьeu
302			<b>-1</b> .	<b>-1</b> .	165	<b>a</b>	<b>0</b>	<b>a</b>	T	170	71-	T	3	Dwa	175	Ш
	vaı	Leu	TTE		Asp	ser	ser	ser	Lys	GLU	Ата	ьуѕ	ASP		Arg	TYL
305	<b>.</b>	a1		180	m1	<b>.</b>	a1	+1-	185	G	mla as	m1	7 l a	190	C1	Dho
	rys	GTA	_	TTE	Thr	Leu	GIN		Gln	ser	THE	THE		гуѕ	GIU	Pile
308	m l	**- 7	195	<b>-1</b> -	T	TT 2 _	<b>.</b>	200	т	3	7	71-	205	<b>01</b> n	m	37 n 1
	Thr		Thr	116	гаг	HIS		GIII	Leu	ASII	ASP		СТУ	GIII	тут	Val
311	<b>a</b>	210	a	a1	O	3	215	mh	7 1 n	G1	c1	220	N a n	Wa 1	7.00	Tou
	_	GII	ser	GIY	ser	_	PLO	THE	Ala	Gru	235	GIII	ASII	Val	ASP	240
	225	T 0	т	mb m	Dmo	230	т он	T 011	m	C1++		Lou	C111	C117	Cor	
	Arg	ьeu	ьeu	TIIL		СТУ	Leu	Leu	Tyr	250	ASII	Leu	СТУ	GLY	255	Val
317	mba	Dha	C1.,	Crra	245	т он	7 an	Com	Glu		7 l n	7 an	λla	Wa 1		Sor
320	TIII	Pile	GIU	260	АІа	ьец	АБР	261	265	кэр	АІа	MSII	Ата	270	πια	Jei
	T 011	7 ~~	Cln		7. 20.07	C111	C1 17	λcn	Val	17a l	Tlo	7 cn	Car		C137	Thr
323	ьeu	AIG	275	vaı	AIG	СТУ	GTA	280	vaı	val	116	АЗР	285	GIII	СТУ	1111
	т10	Nan		λla	Dho	Clu	C1 17		Ile	Lau	Dha	Thr		λla	Glu	Δen
325	TIE	290	PIO	АТа	FIIE	GIU	295	AIG	TTE	ьeu	FIIC	300	цуз	ALG	Gra	ASII
	C117		Dho	Sor	Val	Wa 1		λla	Gly	Len	Δτα		Glu	Δsn	Thr	Glv
	305	птэ	FIIC	Set	Val	310	116	AIG	СТУ	ьец	315	цуз	OIU	пър	1111	320
		Тиг	Lau	Cve	G1v		Gln	Sor	Asn	Glv		Ser	G1 v	Δsn	Glv	
332	nou	тут	цец	Cys	325	Vul	GIII	DCI	ASII	330	OIII	DCI	OLI	p	335	110
	Thr	Gln.	Lau	λτα		T.011	Dha	Val	Asn		Glu	Tle	Δsn	Va 1		Arσ
335	TIII	GIII	пец	340	GIII	Бец	FIIC	Val	345	Gru	Olu	110	пор	350	DCI	1119
	Cor	Dro	Dro		Lau	Luc	Glv	Dho	Pro	Glv	G1 v	Ser	Val		Tle	Ara
338	SCI	110	355	v a I	Leu	כעם	OLY	360	110	O T Y	- Y	DCI	365			9
	Cve	Dro		Aen	Pro	Larg	Δrσ		Asp	Ser	Hie	Leu		Len	Tvr	Leu
341	Cys	370	- X -	r O II	110	בעם	375	JUL	изÞ	JUL		380	0111	Lu	-1-	
	Trn		Glv	Ser	Gln	Thr		Hic	Leu	Leu	Va 1		Ser	Glv	G] 11	Glv
	385	U_LU	J_1		0111	390	9		204		395		~~-	1		400
J 7 7	202					550										

VERIFICATION SUMMARY

DATE: 03/25/2002

PATENT APPLICATION: US/09/982,107

TIME: 16:04:39

Input Set : A:\Epi3002e.app

Output Set: N:\CRF3\03252002\1982107.raw